

# E- Governance

## Introduction:

In the Age of ICT, E-Governance is so much important to ensure a Well-state system. It speeds up the works of Government and also tracks the Various Types of Data of General People

## Scope:

The scopes of this project are

- Central Database of Citizens
- Citizens can get all types of Facility provided by the State using their National ID Card
- All the Service Provider Govt/Non-Govt Organizations will maintain this system to manage the data of a single citizen in one place
- Any Service Provider Govt/Non-Govt Organization can check any citizen data based on their authorization power

## Users and their role:

### National Database System Admin :

- Provide National ID to every Citizen
- Maintain Database Security and provide data
- Give Authorized Access to Every Govt/Non-Govt Organization based on their needs
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### Govt/Non-Govt Organizations:

- Entry/Update any citizen data based on their privilege
- Check any citizen data based on their privilege

## Use cases of the system:

- **Central Database System Admin:** They will provide National ID Card having a Unique ID No to every citizen after their birth , also they will provide authorization access to Organizations like Hospital, Police Station, Educational Institute
- **User:** User will use their ID Card in every major events in his life, like Education, Hospitality, Police Case, Banking
- **Hospital :** Hospital Administrators will login National Database using their own login details, and entry the citizen treatment history
- **Bank:** Bank will open an account and entry to National Database using their own login details and entry citizen bank details
- **Educational Institutes :** They will also entry citizen education qualification after successfully pass every steps
- **Job Provider:** They can check any citizen data as much as they need, like educational history, criminal history etc

## Real Life Case Study:

Suppose Rahim was born in Dhaka, National ID was provided to him (after his Birth)

After successfully passed SSC Exam, Education Board will update his result to National Database with his National ID Number

Rahim Open a Bank Account on DBBL, DBBL also entry bank statements to National Database with his National ID Number

Rahim had Appendicitis Problem and then was the operation in Square Hospital; Hospital Admin will update this operation history to his Health Section of National Database

Rahim was caught by Police because of violating Driving Speed, a Case was filed by Banani Police, and Data was inserted to his Criminal Section of National Database  
In Future

Case 1: Rahim passed BSC Exam, then PSC will check all his Academic Qualification from his Central Database, also his Criminal Cases

Case 2: Income Tax office may investigate Rahim's Bank Account Transaction easily from his Financial Section of National Database

### **Result:**

All public and private sector will speed up services

In addition, fraud, corruption, the use of false information will be prevented to the national level, from individuals

### **Implementation:**

As this is a long term project, within one month we may develop a pilot Project as a **Website**

On this Project we will Implement

- National Database System
- Educational Institute Access
- Bank Access
- Police Access
- Hospital Access
- Job Providing Org / Companies

### **Technology:**

- JSP

### **Web Server:**

- Apache Tomcat

### **Database:**

- MySQL

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